

Interference checked

10/623347

Richard Colvin

## EAST SEARCH

10/14/2006

L#	Hits	Search String	Databases
L1	290606	(petroleum or hydrocarbon or oil or gas) with (well or reservoir)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L2	3902	1 and (platform with (locat\$3 or placement or plac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L3	2078	2 and ((well or target) with (locat\$3 or placement or plac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L4	132	3 and ((optimum or optimal or optimiz\$3) with (locat\$3 or placement or plac\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L5	37	4 and ((well or target) with distance)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L7	52	4 and (number with well\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L8	0	4 and (platform near2 reach)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L9	0	4 and (compass near2 direction\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L10	132	4 or 5 or 6 or 7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L6	25	4 and (number with platform)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L11	41	3 and ((optimum or optimal or optimiz\$3) with platform)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB
L12	54	6 or 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB

L1	47453	(petroleum or hydrocarbon or oil or gas) with (well or reservoir)	US-PGPUB
L2	965	1 and (platform with (locat\$3 or placement or plac\$3))	US-PGPUB
L3	67	2 and ((optimum or optimal or optimiz\$3) with (locat\$3 or placement or plac\$3))	US-PGPUB
L6	13	2 and ((optimum or optimal or optimiz\$3) with platform)	US-PGPUB
L7	78	3 or 6	US-PGPUB
L8	21	7 and (platform.CLM.)	US-PGPUB
L9	15	7 and (optim\$.CLM.)	US-PGPUB
L10	34	8 or 9	US-PGPUB

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### Results of search set L10:

Document	Kind	Codes	Title	Issue Date	Current OR	Abstract
US 20050149307	A1		Integrated reservoir optimization	20050707	703/10	
US 20050142033	A1		Modular assay plates, reader systems and methods for test measurements	20050630	422/58	
US 20050126911	A1		Automated system for two-dimensional electrophoresis	20050616	204/470	
US 20050115741	A1		Well system	20050602	175/61	
US 20050080520	A1		Waste recovery and material handling process to replace the traditional trash transfer station and	20050414	701/1	
US 20050052646	A1		ASSAY PLATES, READER SYSTEMS AND METHODS FOR LUMINESCENCE TEST MEASUREMENTS	20050310	356/311	

US 20050016165 A1	Method of storing and transporting wind generated energy using a pipeline system	20050127 60/398
US 20040250700 A1	Method and apparatus for treating refuse with steam	20041216 100/38
US 20040244982 A1	Substantially neutrally buoyant and positively buoyant electrically heated flowlines for production	20041209 166/347
US 20040236547 A1	System and method for automated placement or configuration of equipment for obtaining desired	20041125 703/2
US 20040189010 A1	Hydro-electric farms	20040930 290/54
US 20040153298 A1	System and method for automated reservoir targeting	20040805 703/10
US 20040134662 A1	High power umbilicals for electric flowline immersion heating of produced hydrocarbons	20040715 166/367
US 20040120855 A1	Source and target management system for high throughput transfer of liquids	20040624 422/67
US 20040112980 A1	Acoustically mediated liquid transfer method for generating chemical libraries	20040617 239/102.1
US 20040112978 A1	Apparatus for high-throughput non-contact liquid transfer and uses thereof	20040617 239/71
US 20040102742 A1	Wave guide with isolated coupling interface	20040527 604/298
US 20040079530 A1	Method for, and the construction of, a long-distance well for the production, transport, storage and	20040429 166/366
US 20040039298 A1	Noninvasive measurement of chemical substances	20040226 600/558
US 20040039297 A1	Noninvasive measurement of chemical substances	20040226 600/558
US 20040022677 A1	Assay plates, reader systems and methods for luminescence test measurements	20040205 422/52
US 20030168864 A1	Offshore wind turbine	20030911 290/55
US 20030165361 A1	Method of constructing precast modular marine structures	20030904 405/195.1
US 20030139687 A1	Noninvasive measurement of chemical substances	20030724 600/558
US 20030093187 A1	PFN/TRAC system TM FAA upgrades for accountable remote and robotics control to stop the ur	20030515 701/1
US 20030075361 A1	Well system	20030424 175/61
US 20030066359 A1	Distributed sound speed measurements for multiphase flow measurement	20030410 73/861.23
US 20030047308 A1	Wireless downhole measurement and control for optimizing gas lift well and field performance	20030313 166/250.15
US 20030034177 A1	High power umbilicals for subterranean electric drilling machines and remotely operated vehicles	20030220 175/61
US 20030026466 A1	Apparatus for computer-assisted isolation and characterization of proteins	20030206 382/129
US 20030026465 A1	Method for computer-assisted isolation and characterization of proteins	20030206 382/129
US 20020175078 A1	Computer-assisted isolation and characterization of proteins	20021128 204/461
US 20020165671 A1	Method for enhancing production allocation in an integrated reservoir and surface flow system	20021107 702/12
US 20020157954 A1	Automated system for two-dimensional electrophoresis	20021031 204/620
US 20020154799 A1	Computer-assisted methods and apparatus for identification and characterization of biomolecules	20021024 382/128
US 20020133300 A1	Automated system for two-dimensional electrophoresis	20020919 702/19
US 20020060192 A1	Efficiency water desalination/purification	20020523 210/750
US 20020049389 A1	Noninvasive measurement of chemical substances	20020425 600/558
US 20020000316 A1	Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole co	20020103 166/244.1
US 20010040033 A1	Self-regulating lift fluid injection tool and method for use of same	20011115 166/250.15
US 20010036387 A1	Precast modular marine structure & method of construction	20011101 405/195.1
US 20010032786 A1	Automated system for two-dimensional electrophoresis	20011025 204/462
US 20010023826 A1	Automated system for two-dimensional electrophoresis	20010927 204/470
US 20010015320 A1	Automated system for two-dimensional electrophoresis	20010823 204/606
US 6873267 B1	Methods and apparatus for monitoring and controlling oil and gas production wells from a remote	20050329 340/853.3
US 6868906 B1	Closed-loop conveyance systems for well servicing	20050322 166/250.01
US 6866092 B1	Two-phase heat-transfer systems	20050315 165/104.21
US 6863362 B2	Acoustically mediated liquid transfer method for generating chemical libraries	20050308 347/19
US 6857486 B2	High power umbilicals for subterranean electric drilling machines and remotely operated vehicles	20050222 175/104
US 6840317 B2	Wireless downhole measurement and control for optimizing gas lift well and field performance	20050111 166/250.15

US 6822236 B1	Method of optimizing a response of a gas correlation radiometer to a trace amount of a target gas	20041123 250/338.5
US 6817412 B2	Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole	20041116 166/250.01
US 6813962 B2	Distributed sound speed measurements for multiphase flow measurement	20041109 73/861.26
US 6750453 B1	Methods of and apparatus for detecting low concentrations of target gases in the free atmosphere	20040615 250/338.5
US 6673249 B2	Efficiency water desalination/purification	20040106 210/747
US 6672803 B2	Method of constructing precast modular marine structures	20040106 405/195.1
US 6668943 B1	Method and apparatus for controlling pressure and detecting well control problems during drilling	20031230 175/5
US 6643391 B2	Apparatus for computer-assisted isolation and characterization of proteins	20031104 382/129
US 6601458 B1	Distributed sound speed measurements for multiphase flow measurement	20030805 73/861.04
US 6578637 B1	Method and system for storing gas for use in offshore drilling and production operations	20030617 166/350
US 6575665 B2	Precast modular marine structure & method of construction	20030610 405/195.1
US 6554991 B1	Automated system for two-dimensional electrophoresis	20030429 204/613
US 6549879 B1	Determining optimal well locations from a 3D reservoir model	20030415 703/10
US 6544193 B2	Noninvasive measurement of chemical substances	20030408 600/558
US 6508885 B1	Edge sealing structure for substrate in low-pressure processing environment	20030121 118/728
US 6507664 B1	Two-dimensional gels for separation, identification and characterization of biomolecules	20030114 382/129
US 6482303 B2	Automated system for two-dimensional electrophoresis	20021119 204/462
US 6451189 B2	Automated system for two dimensional electrophoresis	20020917 204/462
US 6438259 B1	Computer-assisted methods and apparatus for identification and characterization of biomolecules	20020820 382/129
US 6434435 B1	Application of adaptive object-oriented optimization software to an automatic optimization oilfield	20020813 700/30
US 6416644 B1	Automated system for two-dimensional electrophoresis	20020709 204/462
US 6398932 B1	Automated system for two-dimensional electrophoresis	20020604 204/462
US 6394181 B2	Self-regulating lift fluid injection tool and method for use of same	20020528 166/250.15
US 6391650 B1	Protein sample preparation for electrophoresis	20020521 436/174
US 6349769 B1	Apparatus and method for establishing branch wells from a parent well	20020226 166/313
US 6320820 B1	High data rate acoustic telemetry system	20011120 367/81
US 6286596 B1	Self-regulating lift fluid injection tool and method for use of same	20010911 166/250.15
US 6283678 B1	Compliant offshore platform	20010904 405/224
US 6283216 B1	Apparatus and method for establishing branch wells from a parent well	20010904 166/313
US 6279660 B1	Apparatus for optimizing production of multi-phase fluid	20010828 166/336
US 6247532 B1	Apparatus for establishing branch wells from a parent well	20010619 166/50
US 6245206 B1	Automated system for two-dimensional electrophoresis	20010612 204/461
US 6233524 B1	Closed loop drilling system	20010515 702/9
US 6223855 B1	Device for dismantling vehicles, in particular for draining the latter	20010501 182/131
US 6216540 B1	High resolution device and method for imaging concealed objects within an obscuring medium	20010417 73/633
US 6213045 B1	Flotation system and method for off-shore platform and the like	20010410 114/266
US 6136173 A	Automated system for two-dimensional electrophoresis	20001024 204/461
US 6123821 A	Automated system for two-dimensional electrophoresis	20000926 204/456
US 6101444 A	Numerical control unit for wellbore drilling	20000808 702/9
US 6073576 A	Substrate edge seal and clamp for low-pressure processing equipment	20000613 118/723E
US 6062313 A	Expandable tank for separating particulate material from drilling fluid and storing production fluid	20000516 166/357
US 6021377 A	Drilling system utilizing downhole dysfunctions for determining corrective actions and simulating	20000201 702/9
US 5993627 A	Automated system for two-dimensional electrophoresis	19991130 204/456
US 5975207 A	Method and apparatus for handling drill pipe in a deviated well	19991102 166/312

US 5868210 A	Multi-lateral wellbore systems and methods for forming same	19990209 175/40	
US 5842149 A	Closed loop drilling system	19981124 702/9	
US 5762149 A	Method and apparatus for well bore construction	19980609 175/40	
US 5683206 A	Deep water platform with buoyant flexible piles	19971104 405/224.2	
US 5667023 A	Method and apparatus for drilling and completing wells	19970916 175/45	
US 5443330 A	Deep water platform with buoyant flexible piles	19950822 405/224.2	
US 5398762 A	Compressor system in a subsea station for transporting a well stream	19950321 166/356	
US 5390743 A	Installation and method for the offshore exploitation of small fields	19950221 166/366	
US 5382141 A	Compressor system and method of operation	19950117 417/423.8	
US 5191557 A	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	19930302 367/41	
US 5150987 A	Method for installing riser/tendon for heave-restrained platform	19920929 405/224	
US 5147148 A	Heave-restrained platform and drilling system	19920915 405/199	
US 5135327 A	Sluice method to take TLP to heave-restrained mode	19920804 405/224	
US 5116124 A	Measurement system for scattering of light	19920526 356/342	
US 5050130 A	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	19910917 367/41	
US 5044440 A	Underwater station for pumping a well flow	19910903 166/344	
US 4972907 A	Method of conducting well operations from a moveable floating platform	19901127 166/353	
US 4926391 A	Signal processing to enable utilization of a rig reference sensor with a drill bit seismic source	19900515 367/41	
US 4858689 A	Coal gasification well drilling process	19890822 166/256	
US 4854990 A	Method for fabricating and inserting reinforcing spikes in a 3-D reinforced structure	19890808 156/173	
US 4821445 A	Water delivery system and method	19890418 43/4.5	
US 4781023 A	Wave driven power generation system	19881101 60/506	
US 4746245 A	Offshore drilling and/or production system	19880524 405/224	
US 4606673 A	Spar buoy construction having production and oil storage facilities and method of operation	19860819 405/210	
US 4366988 A	Sonic apparatus and method for slurry well bore mining and production	19830104 299/14	
US 4342278 A	Miniature inflatable containment and dry-water-entry vessels	19820803 114/345	
US 4273066 A	Oil storage vessel, mooring apparatus and oil delivery for the off-shore production of oil	19810616 114/256	
US RE29929 E	Deviated conductor driving system	19790313 175/9	
US 4096039 A	Condition sensing control system for desalinators automation	19780620 202/205	
US 4027734 A	Deviated conductor driving system	19770607 175/9	
US 3987640 A	Column stabilized semisubmersible pipelaying barge	19761026 405/170	
US 3924415 A	Column stabilized semisubmersible pipelaying barge	19751209 405/166	
US 3866697 A	DRILLING SYSTEM	19750218 175/5	
US 3791628 A	MOTION COMPENSATED CROWN BLOCK SYSTEM	19740212 254/277	
US 3778854 A	MOORING AND OIL TRANSFER APPARATUS	19731218 441/4	
US 3703207 A	SUBSEA BUNKER CONSTRUCTION	19721121 166/337	
US 3612177 A	DEEP WATER PRODUCTION SYSTEM	19711012 166/337	
US 3575005 A	METHOD AND APPARATUS FOR OFFSHORE OPERATIONS	19710413 405/196	

#### Results of search set L10:

Document Kind	Codes Title	Issue Date	Current OR	Abstract
US 20050285405 A1	Hydro-electric farms	20051229	290/43	
US 20050285404 A1	Hydro-electric farms	20051229	290/43	
US 20050285403 A1	Hydro-electric farms	20051229	290/43	

US 20050187677 A1	PFN/TRAC system™ FAA upgrades for accountable remote and robotics control to stop the ur	20050825 701/16
US 20050149307 A1	Integrated reservoir optimization	20050707 703/10
US 20050106086 A1	Movable gas-to-liquid system and process	20050519 422/187
US 20050080520 A1	Waste recovery and material handling process to replace the traditional trash transfer station an	20050414 701/1
US 20050016165 A1	Method of storing and transporting wind generated energy using a pipeline system	20050127 60/398
US 20040262084 A1	Logistics handling roller track stand	20041230 182/222
US 20040250700 A1	Method and apparatus for treating refuse with steam	20041216 100/38
US 20040189010 A1	Hydro-electric farms	20040930 290/54
US 20040153298 A1	System and method for automated reservoir targeting	20040805 703/10
US 20040126192 A1	Internal beam buoyancy system for offshore platforms	20040701 405/224.2
US 20040112980 A1	Acoustically mediated liquid transfer method for generating chemical libraries	20040617 239/102.1
US 20040079530 A1	Method for, and the construction of, a long-distance well for the production, transport, storage ar	20040429 166/366
US 20040060717 A1	Drilling rig having a compact compressor/pump assembly	20040401 173/28
US 20030192465 A1	SUBMERSIBLE CATAMARAN	20031016 114/330
US 20030168864 A1	Offshore wind turbine	20030911 290/55
US 20030150618 A1	Internal beam buoyancy system for offshore platforms	20030814 166/350
US 20030145841 A1	Method for consolidating natural stone blocks	20030807 125/1
US 20030093187 A1	PFN/TRAC system™ FAA upgrades for accountable remote and robotics control to stop the ur	20030515 701/1
US 20030051992 A1	Synthetic combustible gas generation apparatus and method	20030320 204/164
US 20030047308 A1	Wireless downhole measurement and control for optimizing gas lift well and field performance	20030313 166/250.15
US 20020165671 A1	Method for enhancing production allocation in an integrated reservoir and surface flow system	20021107 702/12
US 20020162515 A1	Support platform and structure for fish farming ("artificial island reef platform")	20021107 119/223
US 20020137218 A1	Devices and methods for using centripetal acceleration to drive fluid movement in a microfluidics	20020926 436/45
US 20020127104 A1	Method for providing a curved cooling channel in a gas turbine component as well as coolable bl	20020912 416/97R
US 20020115365 A1	Buoyancy module with external frame	20020822 441/133
US 20020047071 A1	Lifting platform with energy recovery	20020425 244/199.1
US 20020004022 A1	Magnegas, a novel, highly efficient, nonpollutant, oxygen rich and cost competitive combustible f	20020110 422/186.04
US 20020000316 A1	Method and apparatus for the optimal predistortion of an electromagnetic signal in a downhole co	20020103 166/244.1
US 20010055812 A1	DEVICES AND METHOD FOR USING CENTRIPETAL ACCELERATION TO DRIVE FLUID M	20011227 436/45
US 20010040062 A1	Lifting platform	20011115 180/117
US 20010036387 A1	Precast modular marine structure & method of construction	20011101 405/195.1